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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. PET-1825D1	
(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))		First Inventor Christophe BOYER	
		Title Gas/Liquid Separation System Used In A Hydrocarbon Conversion Process	
		Express Mail Label No.	
<b>APPLICATION ELEMENTS</b> See MPEP chapter 600 concerning utility patent application contents.		<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
<div>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></div> <div>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</div> <div>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages 11]</span> <i>(preferred arrangement set forth below)</i><ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross References to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the invention</li><li>- Brief Summary of the invention</li><li>- Brief Description of the Drawings (if filed)</li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul></div> <div>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets 2]</span></div> <div>5. <input type="checkbox"/> Oath or Declaration <span style="float: right;">[Total Pages 4]</span><ul style="list-style-type: none"><li>a. <input type="checkbox"/> Newly executed (original or copy)</li><li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i></li><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul></div> <div>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</div>		<div>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></div> <div>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i><ul style="list-style-type: none"><li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li><li>b. Specification Sequence Listing on:<ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul></li><li>c. <input type="checkbox"/> Statements verifying identity of above copies</li></ul></div> <div style="border: 1px solid black; padding: 5px;"><b>ACCOMPANYING APPLICATIONS PARTS</b></div> <div>9. <input type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</div> <div>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></div> <div>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></div> <div>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>13. <input checked="" type="checkbox"/> Preliminary Amendment</div> <div>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></div> <div>16. <input type="checkbox"/> Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</div> <div>17. <input type="checkbox"/> Other: _____</div>	
<div>18. If a <b>CONTINUING APPLICATION</b>, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:<div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Continuation <input checked="" type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No: 09/495,914 / Filed: 02/02/2000</div></div><div style="display: flex; justify-content: space-between;"><div>Prior application information: Examiner N. G. Norton</div><div>Group / Art Unit: 1764</div></div><div>For <b>CONTINUATION</b> or <b>DIVISIONAL APPS</b> only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</div></div>			
<b>17. CORRESPONDENCE ADDRESS</b>			
<input checked="" type="checkbox"/> Customer Number or Bar Code Label		<div style="border: 1px solid black; padding: 10px;"> <b>23599</b> PATENT TRADEMARK OFFICE</div>	
or <input type="checkbox"/> Correspondence address below			
<div>Name</div> <div>Address</div> <div>City</div> <div>Country</div>			
State		Zip Code	
Telephone		Fax	
Name (Print/Type) Brion P. Heaney		Registration No. (Attorney/Agent) 32,542	
Signature 		Date August 26, 2003	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

08/26/03  
18334 U.S. PTO

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<h2 style="margin: 0;">FEE TRANSMITTAL for FY 2001</h2> <p style="margin: 5px 0 0 40px;"><i>Patent fees are subject to annual revision.</i></p>		<p><b>Complete if Known</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>Unassigned</td> </tr> <tr> <td>Filing Date</td> <td>August 26, 2003</td> </tr> <tr> <td>First Named Inventor</td> <td>Christophe BOYER et al.</td> </tr> <tr> <td>Examiner Name</td> <td>Unassigned</td> </tr> <tr> <td>Group / Art Unit</td> <td>Unassigned</td> </tr> <tr> <td>Attorney Docket No.</td> <td>PET-1825D1</td> </tr> </table>		Application Number	Unassigned	Filing Date	August 26, 2003	First Named Inventor	Christophe BOYER et al.	Examiner Name	Unassigned	Group / Art Unit	Unassigned	Attorney Docket No.	PET-1825D1
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TOTAL AMOUNT OF PAYMENT	(\$)	750													

<p><b>METHOD OF PAYMENT (check one)</b></p> <p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 13-3402</p> <p>Deposit Account Name: Millen, White, Zelano &amp; Branigan, P.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p style="margin-left: 40px;"><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input type="checkbox"/> Other</p> <p style="text-align: center;"><b>FEE CALCULATION</b></p> <p>1. BASIC FILING FEE</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1001</td> <td>750</td> <td>2001</td> <td>375</td> <td>Utility filing fee</td> <td>750</td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> <td>Design filing fee</td> <td></td> </tr> <tr> <td>1003</td> <td>520</td> <td>2003</td> <td>260</td> <td>Plant filing fee</td> <td></td> </tr> <tr> <td>1004</td> <td>750</td> <td>2004</td> <td>375</td> <td>Reissue filing fee</td> <td></td> </tr> <tr> <td>1005</td> <td>160</td> <td>2005</td> <td>80</td> <td>Provisional filing fee</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (1)</b></td> <td><b>(\$ 750)</b></td> </tr> </tbody> </table> <p>2. EXTRA CLAIM FEES</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>17</td> <td>-20** = 0</td> <td>X</td> <td>= 0</td> </tr> <tr> <td>Independent Claims</td> <td>1</td> <td>-3** = 0</td> <td>X</td> <td>= 0</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td>X</td> <td>= 0</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Small Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> <td>Claims in excess of 20</td> <td></td> </tr> <tr> <td>1201</td> <td>84</td> <td>2201</td> <td>42</td> <td>Independent claims in excess of 3</td> <td></td> </tr> <tr> <td>1203</td> <td>280</td> <td>2203</td> <td>140</td> <td>Multiple dependent claim, if not paid</td> <td></td> </tr> <tr> <td>1204</td> <td>84</td> <td>2204</td> <td>42</td> <td>** Reissue independent claims over original patent</td> <td></td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> <td>** Reissue claims in excess of 20 and over original patent</td> <td></td> </tr> <tr> <td colspan="5" style="text-align: right;"><b>SUBTOTAL (2)</b></td> <td><b>(\$ 0)</b></td> </tr> </tbody> </table> <p style="font-size: small;">**or number previously paid, if greater; For Reissues, see above</p>	Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1001	750	2001	375	Utility filing fee	750	1002	330	2002	165	Design filing fee		1003	520	2003	260	Plant filing fee		1004	750	2004	375	Reissue filing fee		1005	160	2005	80	Provisional filing fee		<b>SUBTOTAL (1)</b>					<b>(\$ 750)</b>	Total Claims	Extra Claims	Fee from below	Fee Paid	17	-20** = 0	X	= 0	Independent Claims	1	-3** = 0	X	= 0	Multiple Dependent		X	= 0	Large Fee Code	Large Entity Fee (\$)	Small Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	84	2201	42	Independent claims in excess of 3		1203	280	2203	140	Multiple dependent claim, if not paid		1204	84	2204	42	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>					<b>(\$ 0)</b>	<p><b>3. 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late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	2053	65	Non-English specification		1812	2,520	2812	1,260	For filing a request for reexamination		1804	920*	2804	460*	Requesting publication of SIR prior to Examiner action		1805	1,840*	2805	920*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	2451	755	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		142	1,300	242	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	630	2503	315	Plant issue fee		1460	130	2460	65	Petitions to the Commissioner		1807	130	2807	65	Petitions related to provisional applications		1806	180	2806	90	Submission of Information Disclosure Stmt		8021	40	2021	20	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	2802	450	Request for expedited examination of a design application	
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1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																																																																
1453	1,300	2453	650	Petition to revive - unintentional																																																																																																																																																																																																																																																																																
142	1,300	242	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																																																																
1502	470	2502	235	Design issue fee																																																																																																																																																																																																																																																																																
1503	630	2503	315	Plant issue fee																																																																																																																																																																																																																																																																																
1460	130	2460	65	Petitions to the Commissioner																																																																																																																																																																																																																																																																																
1807	130	2807	65	Petitions related to provisional applications																																																																																																																																																																																																																																																																																
1806	180	2806	90	Submission of Information Disclosure Stmt																																																																																																																																																																																																																																																																																
8021	40	2021	20	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																																																																
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																																																																																																																
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																																																																
1801	750	2801	375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																																																																
1802	900	2802	450	Request for expedited examination of a design application																																																																																																																																																																																																																																																																																

<p><b>SUBMITTED BY</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Name (Print/Type)</td> <td>Brion P. Heaney</td> <td style="width: 30%;">Registration No. Attorney/Agent</td> <td>32,542</td> <td style="width: 20%;">Telephone</td> <td>(703) 243-6333</td> </tr> <tr> <td>Signature</td> <td colspan="3" style="text-align: center;"></td> <td>Date</td> <td>August 26, 2003</td> </tr> </table>				Name (Print/Type)	Brion P. Heaney	Registration No. Attorney/Agent	32,542	Telephone	(703) 243-6333	Signature				Date	August 26, 2003	<p><b>Complete (if applicable)</b></p>	
Name (Print/Type)	Brion P. Heaney	Registration No. Attorney/Agent	32,542	Telephone	(703) 243-6333												
Signature				Date	August 26, 2003												

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